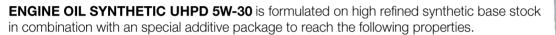


ENGINE OIL SYNTHETIC UHPD

5W-30

Product Description:

ENGINE OIL SYNTHETIC UHPD 5W-30 is a fuel conserving super high performance "MID SAPS" oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low Sulphur Diesel Fuel (max. 50 ppm). **ENGINE OIL SYNTHETIC UHPD 5W-30** is formulated for use in Euro-5 and Euro-6 engines equipped with Diesel Particle Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.



- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particulate Filter (DPF).
- Fuel conserving.

ENGINE OIL SYNTHETIC UHPD 5W-30 meets the following performance criteria:

Approved: MB-Approval 228.51 MAN M3677 / M3775 Scania LDF-4 (Pending) Volvo VDS-4.5 Mack EOS-4.5 Renault VI RLD-3 **ACEA E4/E6/E7/E9** MB 228.52 / 228.31 API CK-4 Meets: **Deutz DQC IV-18 LA** MTU Type 3.1 / 2.1 MAN M3777 / M3477 MAN M3691 Volvo VDS-4 Renault VI RLD-4 JASO DH-2 Cummins CES 20086 **Cummins CES 20081 CAT ECF-3** DDC 93K222 DCC 93K218

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m³	ASTM D4052	855
Kin. Viscosity @40°C	mm²/s	ASTM D7042	68
Kin. Viscosity @100°C	mm²/s	ASTM D7042	11.8
Viscosity Index		ASTM D2270	170
Viscosity CCS @-30°C	сP	ASTM D5293	6100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	13.2
Sulpated Ash	%Wt	ASTM D874	0.98

Product Nr: 45020 **Date Issued:** 25-07-2022

Date Superseded: 14-03-2022 Revision nr: 07